

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E21B43/36 E21B43/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 E21B B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
EP 0 201 263 A (MOBIL NORTH SEA LTD) 12 November 1986 (1986-11-12)	1-8, 11-14
column 5, line 1-17; figure 1 column 5, line 46 -column 6, line 6; figure 2	9
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Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.	
Special categories of cited documents:  A' document defining the general state of the art which is not considered to be of particular relevance  E' earlier document but published on or after the international filing date  L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  O' document referring to an oral disclosure, use, exhibition or other means  P' document published prior to the international filing date but later than the priority date claimed	invention  ar the international  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone indate of another or date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu- ments, such combination being obvious to a person skilled	
Date of the actual completion of the international search  8 December 2003	Date of malling of the international search report  19/12/2003	
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL ~ 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	van Berlo, A	



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C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
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